Index of Claims

| App | lication/ | Control | No. |
|-----|-----------|---------|-----|

10/784,966 Examiner Applicant(s)/Patent under Reexamination

NOGUCHI, TAKAFUMI

Art Unit

Karabi Guharay

2879

| R | Rejected |
|---|----------|
| _ | Allowed  |

| - | (Through numeral)<br>Cancelled |
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|   |                                |

Restricted

| Ν | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
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| CI   | aim      | Date     |          |          |          | Cla      | Date     |                 |                 |   |          |          | Claim           |          | Date    |   |          |                 |          |          |          |       |            |                 |  |          |          |          |          |          |          |          |
|--|----------|----------|----------|----------|----------|----------|----------|-----------------|-----------------|---|----------|----------|-----------------|----------|---------|---|----------|-----------------|----------|----------|----------|-------|------------|-----------------|--|----------|----------|----------|----------|----------|----------|----------|
|  | <u></u>  | S        |          |          |          |          |          |                 |                 |   |          | ल        |                 |          |         |   |          |                 |          |          |          |       | <u> </u>   |                 |  |          |          |          |          |          |          |          |
| Final  | Original | 9/21/05  |          |          | 1        |          |          | ll              | il              |   | Final    | Original |                 |          |         | İ   |          |                 |          |          |          | Final | Original   |                 |  |          |          |          |          |          |          |          |
| ፲፫   | 5        | 8        |          |          |          |          |          |                 |                 |   | Œ        | ő        |                 |          |         |   |          |                 |          |          |          | 证     | Ö          |                 |  |          |          |          |          |          |          |          |
|  |          | <u> </u> |          | $\dashv$ | -        | Н        | _        |                 | Ш               |   |          |          | $\sqcup$        | 4        | 4       | +   |          | $\sqcup$        | -        | _        |          |       |            | Н               | Ш  |          | _        | _        | _        | $\dashv$ | $\dashv$ | -        |
|  | 1        | R        |          |          |          | -        |          | $\vdash$        | $\vdash$        |   |          | 51       | $\vdash$        | +        | -       |   | +        | $\vdash$        |          |          |          |       | 101        | Н               | $\vdash$                                     |          |          | _        | $\dashv$ | $\dashv$ | +        | $\dashv$ |
| <u> </u>   | 3        | R        |          |          |          |          |          | Н               | H               |   |          | 52<br>53 |                 | $\dashv$ | +       | +   | +        | -               | +        | $\dashv$ |          |       | 102<br>103 |                 |  |          | $\vdash$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 4        | R        |          | $\dashv$ |          |          |          | $\vdash$        |                 |   |          | 54       | Н               | $\dashv$ | +       | +   | +        | $\vdash$        | $\dashv$ | $\dashv$ | 1        |       | 103        | Н               | $\vdash$                                     | -        |          | $\dashv$ | $\dashv$ | +        | +        | ᅱ        |
|  | 5        | R        |          | _        |          | $\vdash$ |          | Н               | H               |   |          | 55       |                 | $\dashv$ | +       | +   | +        | Н               | $\dashv$ | $\dashv$ |          |       | 105        | Н               | Н  | Н        |          | ┪        |          | $\dashv$ | $\dashv$ | ᅱ        |
|  | 6        | R        |          |          | _        |          |          | Н               | H               |   |          | 56       | Н               | $\dashv$ | 十       | $\top$  | +        | H               | $\dashv$ |          |          |       | 106        | $\Box$          | Н  |          |          | $\dashv$ | _        | $\dashv$ | 十        | ᅥ        |
|  | 7        | R        |          |          |          |          |          | Н               |                 |   |          | 57       | H               | 十        | $\top$  | +   | +-       | $\Box$          |          | _        |          |       | 107        | П               | П  | $\Box$   |          | _        | _        | 十        | 十        | ᅱ        |
|  | 8        | R        |          |          |          |          |          | П               |                 |   |          | 58       |                 |          | $\top$  |   |          | П               | $\neg$   |          |          |       | 108        |                 |  |          |          |          |          | 寸        | 寸        | ヿ        |
|  | 9        | R        |          |          |          |          |          |                 |                 |   |          | 59       |                 |          |         |   |          |                 |          |          |          |       | 109        |                 |  |          |          |          |          |          |          |          |
|  | 10       | R        |          |          |          |          |          |                 |                 |   |          | 60       |                 |          |         |   | $\perp$  |                 |          |          |          |       | 110        |                 |  |          |          |          |          | $\Box$   |          |          |
|  | 11       | R        | Ш        |          |          | Щ        | Щ        | Ш               | Ш               |   |          | 61       | Щ               | _[       |         | $\perp$   |          | $\sqcup$        |          |          |          |       | 111        |                 |  |          |          |          |          | $\bot$   | $\bot$   |          |
|  | 12       | R        | Щ        | _        |          | Щ        | Ш        | Щ               | Ш               |   |          | 62       | Щ               | $\dashv$ | $\perp$ | +   | +        | $\sqcup$        | $\dashv$ |          |          |       | 112        | Ш               | Ш  | Щ        | $\Box$   | _        | _        | _        | _        | _        |
|  | 13       | R        | Щ        | _        | _        | $\sqcup$ |          | $\square$       | $\vdash \vdash$ |   |          | 63       | $\vdash \vdash$ | $\dashv$ | +       | +-  | +-       | $\sqcup$        | _        | _        |          |       | 113        | $\vdash$        | <u>                                     </u> | Щ        |          | _        | _        | $\dashv$ | $\dashv$ | ᅴ        |
|  | 14       | _        | Н        | -        | _        | $\sqcup$ |          | Н               | $\vdash$        |   |          | 64       | $\vdash$        | $\dashv$ | -       |   | +        | $\vdash$        |          |          |          |       | 114        | Н               | Ш  | Н        | $\sqcup$ | _        | _        | $\dashv$ | $\dashv$ | ᅴ        |
| <u> </u>   | 15<br>16 |          | $\vdash$ | $\dashv$ |          | -        |          | $\vdash$        | $\vdash$        |   | <b></b>  | 65       | $\vdash \vdash$ | $\dashv$ | +       | +   | +        | $\vdash \vdash$ | $\dashv$ | $\dashv$ |          |       | 115        | $\vdash \dashv$ | $\vdash\vdash$                               | Н        | $\dashv$ | -        |          | $\dashv$ | $\dashv$ | $\dashv$ |
| -  | 17       |          | $\vdash$ | $\dashv$ | $\dashv$ | $\vdash$ | $\vdash$ | $\vdash$        | $\vdash$        |   |          | 66<br>67 | $\vdash \vdash$ | $\dashv$ | +       | +-  | +        | H               | $\dashv$ | -        |          |       | 116<br>117 |                 | $\vdash$                                     | $\vdash$ | $\vdash$ |          | -        | +        | $\dashv$ | $\dashv$ |
|  | 18       |          | $\vdash$ | $\dashv$ |          |          |          | $\vdash$        | $\dashv$        | _ |          | 68       | H               | $\dashv$ | ╬       | +   |          | ╁               | $\dashv$ | -1       | <b>}</b> |       | 118        |                 |  |          |          |          | ᅱ        | +        | $\dashv$ | ᅱ        |
|  | 19       |          |          | $\dashv$ | $\dashv$ |          |          | $\vdash$        |                 |   |          | 69       | $\vdash$        | $\dashv$ | +       | +   | +        | $\vdash$        | $\dashv$ | $\dashv$ | 1        |       | 119        |                 |  | -        | $\dashv$ | -        |          | $\dashv$ | $\dashv$ | ᅥ        |
|  | 20       |          |          | _        |          |          | $\dashv$ | $\dashv$        | $\forall$       |   |          | 70       | Ħ               | $\dashv$ | +       | +   | +        | $\vdash$        | $\dashv$ | -        |          |       | 120        |                 |  |          | $\dashv$ | -        | -1       | $\dashv$ | $\dashv$ | ᅱ        |
|  | 21       |          |          | $\dashv$ |          |          |          |                 |                 |   |          | 71       |                 | 1        |         | +   | +        | Н               | 十        | -        | · · · ·  |       | 121        |                 |  |          | 一        |          | 寸        | $\dashv$ | 十        | ᅥ        |
|  | 22       |          |          | $\neg$   |          |          | $\neg$   | $\Box$          | $\Box$          |   |          | 72       |                 | 1        | İ       | $\top$  | 1        | П               | $\dashv$ |          |          |       | 122        |                 |  |          | 寸        |          |          | $\dashv$ | 十        | ᅱ        |
|  | 23       |          |          |          |          |          |          |                 |                 |   |          | 73       |                 |          |         | T   |          | П               |          |          |          |       | 123        |                 |  |          |          |          |          | $\neg$   | ヿ        | ヿ        |
|  | 24       |          |          |          |          |          |          |                 |                 |   |          | 74       |                 |          |         |   |          |                 |          |          |          |       | 124        |                 |  |          |          |          |          |          | $\Box$   |          |
|  | 25       |          |          |          |          |          |          |                 |                 |   |          | 75       |                 |          |         |   |          |                 |          |          |          |       | 125        |                 |  |          |          |          |          | $\Box$   | $\Box$   |          |
|  | 26       |          |          | _        |          |          |          |                 |                 |   |          | 76       | Ш               | _        |         | $\bot$  | <u> </u> | Ш               | _        | _        |          |       | 126        |                 |  |          |          | _        |          | $\perp$  | _        | _        |
|  | 27       |          |          |          | _        |          | _        | $\Box$          |                 |   |          | 77       | Щ               | _        | _       | $\bot$  | -        |                 | _        | _        |          |       | 127        |                 | _  |          |          | _        | _        | 4        | $\dashv$ | _        |
|  | 28       |          | _        |          | _        |          |          |                 | -               |   |          | 78       |                 | -        | _       | +   | $\vdash$ | Н               | _        | -        |          |       | 128        | $\dashv$        |  |          | _        | $\dashv$ |          | -        | $\dashv$ | 4        |
|  | 29<br>30 |          | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$        |   |          | 79<br>80 | $\dashv$        | -        |         | +   | +        | Н               | $\dashv$ | $\dashv$ |          | -     | 129        |                 |  |          | -        | -        |          | $\dashv$ | +        | $\dashv$ |
|  | 31       |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$        |   |          | 81       |                 | -        |         | +   | +        | ₩               | $\dashv$ | $\dashv$ |          |       | 130<br>131 | $\dashv$        |  |          |          | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$ |
| <u> </u>   | 32       |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | $\vdash$        | $\dashv$        |   |          | 82       | $\vdash$        | $\dashv$ | +       | +   | +        | $\vdash$        | $\dashv$ | $\dashv$ | •        |       | 132        |                 | $\vdash$                                     | $\dashv$ | -        | $\dashv$ | $\dashv$ | +        | +        | $\dashv$ |
| <del>                                     </del> | 33       |          | $\dashv$ | $\dashv$ | $\dashv$ |          |          | $\dashv$        | $\dashv$        |   |          | 83       | H               | $\dashv$ | +       | +   | +        | $\vdash$        | $\dashv$ | $\dashv$ |          |       | 133        | $\vdash$        | $\vdash$                                     | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$ | ᅱ        |
|  | 34       | _        | $\vdash$ | $\dashv$ | $\dashv$ | $\neg$   | $\neg$   |                 |                 |   | $\vdash$ | 84       | H               | -+       | +       | +   | $\top$   | $\vdash$        | +        | $\dashv$ | iii)     |       | 134        | $\vdash$        |  | $\dashv$ |          | -        | ┪        | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 35       |          |          |          | $\neg$   |          |          |                 |                 |   |          | 85       | H               | $\dashv$ | 1       | $\top$  | 1        | П               | 寸        |          |          |       | 135        | $\Box$          |  |          | 1        | 7        | 一        | 寸        | $\dashv$ | ヿ        |
|  | 36       |          |          |          |          |          |          |                 |                 |   |          | 86       |                 |          |         | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $\perp$  |                 |          |          |          |       | 136        |                 |  |          | 〓        |          |          | 丁        |          | ヿ        |
|  | 37       |          |          |          |          |          |          |                 |                 |   |          | 87       |                 |          |         | Ι   |          |                 |          |          |          |       | 137        |                 |  |          |          |          |          | $\Box$   |          | ┚        |
|  | 38       |          |          | $\Box$   |          | $\Box$   |          |                 | $\Box$          |   |          | 88       |                 | Ţ        |         | $\perp$   | $\Box$   |                 | $\Box$   |          |          |       | 138        |                 |  |          |          |          |          | $\Box$   | $\Box$   |          |
|  | 39       |          |          | _        | _        | _        | _        | <u> </u>        |                 |   |          | 89       | Ц               | .        |         | 1   | $\perp$  | Ш               |          | _        |          |       | 139        |                 |  |          | [        | _        |          |          | $\dashv$ | $\Box$   |
|  | 40       |          | $\sqcup$ | _        | _        | _        | _        |                 | $\dashv$        |   |          | 90       |                 |          | 4       | $\perp$   | $\bot$   | $\sqcup$        | 4        | _        |          |       | 140        |                 |  |          |          | _        |          | $\dashv$ | $\dashv$ | _        |
| <u> </u>   | 41       |          | $\sqcup$ | $\dashv$ | _        | $\dashv$ |          | $\sqcup$        | $\dashv$        | _ |          | 91       | $\vdash \vdash$ |          | -       | +   | +        | $\sqcup$        | $\dashv$ | -        |          |       | 141        | $\Box$          |  | $\Box$   | _        | _        |          | -        | $\dashv$ | $\dashv$ |
| <u> </u>   | 42       |          | -        | -        | $\dashv$ | $\dashv$ |          | $\vdash \vdash$ | $\vdash$        |   |          | 92       |                 | +        | +       | +   | +        | $\vdash$        | $\dashv$ | -        |          |       | 142        | $\vdash$        | $\vdash$                                     | $\dashv$ |          | -        |          | +        | $\dashv$ | $\dashv$ |
|  | 43<br>44 |          | -        |          | -        |          |          |                 | $\vdash$        |   |          | 93<br>94 | $\vdash$        | +        | +       | +   | +        | $\vdash \vdash$ | $\dashv$ |          | ŀ        |       | 143        | $\dashv$        |  |          |          | -        | $\dashv$ | +        | $\dashv$ | $\dashv$ |
| <u> </u>   | 44       | -        | -        | $\dashv$ |          |          |          |                 | -               |   |          | 95       | -               | $\dashv$ | +       | +   | +        | $\vdash$        | $\dashv$ | $\dashv$ |          |       | 144<br>145 | $\vdash$        |  | -        | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$ |
| <u> </u>   | 46       |          | -        |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$        |   |          | 96       | $\vdash$        | $\dashv$ | +       | +-  | +        | ┤┤              | $\dashv$ | $\dashv$ | ŀ        |       | 146        | $\vdash$        |  |          | $\dashv$ | -        |          | $\dashv$ | +        | $\dashv$ |
| <b></b>  | 47       | Н        | $\neg$   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$        | $\dashv$        | _ |          | 97       | $\dashv$        | 十        | +       | +   | +        | H               | $\dashv$ | $\dashv$ | ::::     |       | 147        | $\vdash$        | $\dashv$                                     | $\dashv$ | -        | -        | $\dashv$ | $\dashv$ | +        | $\dashv$ |
|  | 48       |          | $\dashv$ | $\dashv$ | $\neg$   | $\neg$   | $\dashv$ | $\dashv$        | $\dashv$        | T | $\neg$   | 98       |                 |          | $\top$  | $\top$  | +        | $\vdash$        | $\dashv$ | $\dashv$ |          |       | 148        |                 |  |          | $\neg$   | $\dashv$ | $\dashv$ | $\dashv$ | 十        | $\dashv$ |
|  | 49       |          |          |          |          |          |          |                 |                 |   |          | 99       |                 | $\top$   | 十       | 1   | T        | $\Box$          | _        | _        |          |       | 149        |                 | 一  | $\neg$   | $\dashv$ | $\dashv$ | _        | +        | $\dashv$ | ٦        |
|  | 50_      |          |          |          |          |          |          |                 |                 |   |          | 100      |                 |          |         |   |          |                 |          |          |          |       | 150        |                 | 二  |          |          |          | 一        | $\top$   | 寸        | ヿ        |